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a memory/for storing the converted voice data of

10 samples taken within a fixed time determined as a
subject time for the delay of the reverberation and the
echo;

15 a second A/D converter for performing digital
conversion of the feedback signal outputted from said
microphone as the feedback data;

20 a successive comparison analysis part for
successively comparing said feedback data with the
stored voice data, analyzing the intensity of the
reverberation and the echo and outputting the result as
a correction parameter;

25 a regenerative signal processing part for adding
data corrected by said correction parameter to the
stored voice data and processing the result as the
regenerative data; and

a D/A converter for converting said regenerative
data to an analog signal.

3. A loudspeaker unit adapted to the environment
according to Claim 2 wherein said successive
comparison analysis part performs processing by adding
antiphase feedback data to said voice data so that the
5 difference between said voice data obtained as the
serial data and said feedback data becomes a fixed
value or 0.

4. A loudspeaker unit adapted to the environment according to Claim 1 wherein,

the comparison of the characteristic at said optional frequency and the comparison of the characteristic of the echo or the reverberation each including the delay time are learned by arithmetic and a signal to be sent to the loudspeaker is corrected according to the learned result.

5. A loudspeaker unit adapted to the environment according to Claim 2 wherein,

the comparison of the characteristic at said optional frequency and the comparison of the characteristic of the echo or the reverberation each including the delay time are learned by arithmetic and a signal to be sent to the loudspeaker is corrected according to the learned result.

6. A loudspeaker unit adapted to the environment according to Claim 1 wherein,

the comparison of the characteristic at said optional frequency and the comparison of the characteristic of the echo or the reverberation each including the delay time are intermittently performed and a signal to be sent to the loudspeaker is corrected according to the comparison result.

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the comparison of the characteristic at said optional frequency and the comparison of the characteristic of the echo or the reverberation each including the delay time are intermittently performed and a signal to be sent to the loudspeaker is corrected according to the comparison result.

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the comparison of the characteristic at said optional frequency and the comparison of the characteristic of the echo or the reverberation each including the delay time are intermittently performed and a signal to be sent to the loudspeaker is corrected

